AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

Claim 1 (Currently Amended): An XY-addressing type solid-state imaging apparatus comprising:

a plurality of pixels arranged in a two-dimensional matrix; and

a horizontal scanning circuit and a vertical scanning circuit for reading signals of the pixels;

wherein said vertical scanning circuit in a pixel reset period concurrently selects the pixels of n rows (n being an integer of 2 or more) at a first timing to concurrently effect only a reset operation of the pixels of the n rows thereof and selects at a second timing subsequent to the first timing the pixels of n rows of the address different from the rows selected at the first timing to concurrently effect only a reset operation of the pixels of the n rows thereof, reset operation in this manner being repeated to effect a reset operation of all pixels.

Claim 2 (Original): The solid-state imaging apparatus according to claim 1, wherein said pixels of the n rows concurrently selected for the reset operation to be effected are the pixels of the rows having consecutive addresses.

Claim 3 (Original): The solid-state imaging apparatus according to claim 1, wherein said pixels of the n rows concurrently selected for the reset operation to be effected are the pixels of the rows having discrete addresses.

Claim 4 (Original): The solid-state imaging apparatus according to any one of claims 1 to 3, wherein said vertical scanning circuit comprises: a row selecting section; and a timing pulse generating section to which output signals of the row selecting section and timing signals are inputted to generate control signals for effecting pixel operation.

Claim 5 (Original): The solid-state imaging apparatus according to claim 4, wherein said row selecting section comprises a decoder.

Claim 6 (Original): The solid-state imaging apparatus according to claim 4, wherein said row selecting section comprises a shift register.

Claim 7 (Original): The solid state imaging apparatus according to claim 4, wherein said timing pulse generating section comprises a logic circuit.

Claim 8 (Original): The solid state imaging apparatus according to claim 5, wherein said timing pulse generating section comprises a logic circuit.

Claim 9 (Original): The solid state imaging apparatus according to claim 6, wherein said timing pulse generating section comprises a logic circuit.